

METHOD, SYSTEM, AND PROGRAM FOR  
DECODING A SECTION FROM COMPRESSED DATA

ABSTRACT

Provided is a method, system, program, and data structure for decompressing a

- 5 compressed data stream whose decoded output comprises lines of two-dimensional data or other data whose decoding depends upon previously decoded data and where the desired output is only part of sequentially decoded output. Received are a compressed data set, at least one pointer to a location in the compressed data stream whose decoded output comprises a location on a line of data, and decoding information for each received pointer
- 10 that enables decoding from a point within the compressed data stream addressed by the pointer. For each received pointer, the following steps are performed: (i) accessing the location in the compressed data stream addressed by the pointer in the reentry data set; and (ii) using the decoding information in the reentry data set to decode compressed data from the accessed location.